

#5 IDS.

HES 2000-IP-001848

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants:	Ronald E. Sweatman,)		
	Richard F. Vargo, Jr.,)		
	David S. Kulakofsky,)		
	Alvaro Escorcia and)		
	Krishna Ravi)	Art Unit:	Unknown
)		
Serial No.:	Unknown)		
)		
Filed:	Concurrently Herewith)		
)		
For:	METHODS OF DISCOVERING)	Examiner:	Unknown
	AND CORRECTING)		
	SUBTERRANEAN FORMATION)		
	INTEGRITY PROBLEMS)		
	DURING DRILLING)		

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

The following prior art is known to Applicants or Applicants' attorneys and is submitted for the Examiner to consider in the above-captioned application.

U.S. PATENT

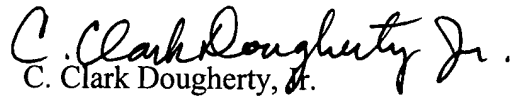
U.S. Patent No. 5,913,364 issued on June 22, 1999 to Ronald E. Sweatman.

U.S. Patent No. 6,060,434 issued on May 9, 2000 to Ronald E. Sweatman et al.

U.S. Patent No. 6,258,757 B1 issued on July 10, 2001 to Ronald E. Sweatman et al.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, reading "C. Clark Dougherty, Jr." in a cursive script.

C. Clark Dougherty, Jr.

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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. HES 2000-IP-001848	SERIAL NO. Unknown
	APPLICANTS Ronald E. Sweatman et al.	
	FILING DATE Concurrently Herewith	GROUP Unknown

11046 U.S. PTO
 10/082459
 02/25/02

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,913,364	06/22/99	Sweatman	166	281	
	AB	6,060,434	05/09/00	Sweatman et al.	507	216	
	AC	6,258,757 B1	07/10/01	Sweatman et al.	507	219	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.